



Rural District Council

Annual Report

FOR THE

Year ended 31st December, 1972

BY

G. TATTERSALL

MEDICAL OFFICER OF HEALTH

M.A., M.B., B.Ch.-D.P.H.

Worksoy Rural District Council

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M.A., M.B., B.Ch.-D.P.H.

Worksop Rural District Council

Year ended 31st December, 1972

Chairman

Councillor J. CONNOLLY

Vice-Chairman

Councillor S. SLACK, J.P.

Councillor F. BROUGH

Councillor A. G. BUCHANAN

Councillor Mrs. M. B. GEE

Councillor Mrs. B. A. HARRISON

Councillor F. A. HARRISON

Councillor N. HAWKINS, B.E.M.

Councillor L. J. HINCE

Councillor T. L. HUGHES

Councillor C. JAMES

Councillor J. H. LACEY

Councillor J. E. MACHENT

Councillor H. McLOUGHLIN

Councillor Mrs. D. MILLARD

Councillor K. MUSKETT

Councillor Mrs. M. P. MUTER

Councillor Mrs. N. O'DONOVAN

Councillor J. H. SMITH

Councillor H. STOKES

Councillor Mrs. M. WATERHOUSE

Councillor Mrs. E. WILSON

Medical Officer of Health :

G. TATTERSALL, M.A., M.B., B.CH., D.P.H.

Deputy Medical Officer of Health : Terminated services 31st March, 1973

H. M. REDFERN, M.R.C.S., L.R.C.P., D.P.H.

Surveyor and Chief Public Health Inspector :

C. J. PHILLIPS, F.R.S.H., C.R.S.H., M.A.P.H.I.

Additional Public Health Inspector :

C. TURBERFIELD, Cert. R.S.H., M.A.P.H.I.

Pupil Public Health Inspector :

STEPHEN HODGSON.

HEALTH DEPARTMENT,
COUNCIL OFFICES,
36/38, CARLTON ROAD,
WORKSOP, S80 1PH,
Notts.

July, 1973.

TO : THE CHAIRMAN AND MEMBERS
OF THE WORKSOP RURAL DISTRICT COUNCIL.

Sir, Ladies and Gentlemen,

I have the honour to submit for your consideration the Annual Health Report for 1972 together with the vital statistics relative to the period.

The population figure of 21,420 represents an increase of 230 over the corresponding figure for last year.

The birth rate is 16.6 per thousand of the population. The figure for England and Wales is 14.8.

The death rate at 11.2 per thousand of the population is below that for England and Wales (12.1).

The infant mortality rate at 39.4 per thousand live births is above that for England and Wales (17.0) and further details are included in the text.

The report includes information on the Health Services provided in the area by the Nottinghamshire County Council, and for this information I am indebted to the County Medical Officer.

I should like to take this opportunity to express my thanks to the Staff of the Department for their loyal and generous assistance, to the Officers of other Departments for their help and co-operation, and to the Council for support and encouragement.

Yours sincerely,

G. TATTERSALL,

Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area in acres	....	....	....	....	17,548
Population (estimated mid-year)	....	....	....	....	21,420
No. of inhabited houses at 1st April, 1973	....	....	....	....	7,208
Rateable Value at 1st April, 1973	....	....	....	....	£614,700
Penny Rate Product at 1st April, 1973	....	....	....	....	£5,860

VITAL STATISTICS

Live Births

	M.	F.	Total
Legitimate	157	165	322
Illegitimate	18	15	33

Illegitimate live births per cent. of total live births	....	9.3
Birth Rate per 1,000 of the population	....	16.6
Birth Rate per 1,000 of the population of England and Wales	....	14.8

Still Births

	M.	F.	Total
Legitimate	—	2	2
Illegitimate	1	1	2
Total Live and Still Births	....	....	359
Rate per 1,000 (Live and Still Births)	....	....	11.1
Rate per 1,000 estimated population			.19

Maternal Mortality (including abortion) :

Number of deaths					Nil
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Infantile Mortality (Deaths of Infants under 1 year) :

	M.	F.	Total
Deaths of legitimate infants under 1 year	8	5	13
Deaths of illegitimate infants under 1 year	—	1	1

Death rate of legitimate infants per 1,000 legitimate live births	40.4
Infant mortality rate per 1,000 live births	39.4
Infant mortality rate for England and Wales per 1,000 live births	17.0
Neo-Natal Mortality Rate (Deaths under 4 weeks per 1,000 total live births)	31.0
Early Neo-Natal Mortality Rate (Deaths under 1 week per 1,000 total live births)	25.3
Perinatal Mortality Rate (Still Births and Deaths under 1 week combined per 1,000 total live and still births)	36.2

Deaths

	M.	F.	Total
	133	106	239
Death rate per 1,000 estimated population ....	....	....	11.2
Death rate per 1,000 population England and Wales			12.1

All the above rates are calculated on the estimated population figure given by the Registrar General.

Mortality

The Causes of death were :

	M.	F.
Leukaemia	3	2
Cancer (all forms)	23	24
Heart disease	38	35
Other diseases of circulatory system	1	3
Pneumonia	13	5
Bronchitis and emphysema	14	3
Motor vehicle accidents	1	—
All other accidents	4	1
Congenital anomalies	5	1
Other diseases of respiratory system	4	1
Suicide and self-inflicted injuries	1	—
Hypertensive disease	3	1
Cerebrovascular disease	9	16
Other causes of perinatal mortality	—	1
Symptoms and Ill-defined conditions	1	—
Other diseases, genitor-urinary tract	1	2
Intestinal obstruction and hernia	—	1
Other diseases of digestive system	1	1
Diabetes mellitus	1	—
Other endocrine etc. diseases	—	3
Multiple sclerosis	1	2
Hyperplasia of prostate	1	—
Enteritis and other diarrhoeal diseases	—	1
Tuberculosis of respiratory system	1	—
Other diseases of nervous system	—	1
Influenza	3	—
Birth injury, difficult labour, etc.	4	2
	133	106

Cancer Deaths

There were 47 deaths from cancer. Arranged in decennial periods, these deaths occurred as below :—

	1972	1971	1970	1969	1968	1967
Under 35 years	—	2	3	2	—	1
35 to 44 years	2	2	2	1	3	1
45 to 54 years	4	2	6	1	3	5
55 to 64 years	10	10	12	9	5	6
65 to 74 years	19	12	8	9	19	9
Over 75 years	12	9	11	5	5	6
Total	47	37	42	27	35	28

The following table shows the analysis of the site of the disease during the past five years.

Year	Lung		Stomach		Breast	Uterus	Other	
	M.	F.	M.	F.	F.	F.	M.	F.
1968	11	2	1	—	4	—	11	6
1969	9	—	2	—	3	1	6	6
1970	6	—	1	1	5	6	11	12
1971	6	1	5	4	2	2	7	10
1972	9	2	5	2	3	—	9	17

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

Measles

Year	No. of cases notified			
1972				15
1971				39
1970				167
1969				32
1968				202
1967				83
1966				364
1965				229
1964				76
1963				453
1962				39
1961				306
1960				50
1959				328
1958				6
1957				582
1956				39
1955				343
1954				64
1953				116
1952				123
1951				248
1950				214
1949				244
1948				20

For most years it is possible to note the biennial epidemic character of measles. It is now possible to vaccinate children successfully against measles, and, therefore, in future years the pattern displayed in these figures may alter a great deal. It is to be hoped indeed that this disease will in the future be relegated to the position of poliomyelitis and diphtheria.

During the year 276 children were vaccinated against measles.

During the year 101 children were vaccinated against rubella.

Scarlet Fever

One case of scarlet fever was notified during the year.

Whooping Cough

No cases of whooping cough were notified during the year.

The number of children immunised against the disease was 362.

Food Poisoning, Enteric Fever

No cases of food poisoning were notified during the year.

Dysentery

There were no cases of dysentery notified during the year.

Infective Jaundice

There were ten cases of infective jaundice notified during the year.

Tuberculosis

There was one case of pulmonary tuberculosis notified during the year 1972.

Diphtheria

There were no cases of diphtheria notified during the year.

In order to keep the disease from re-appearing, it is necessary to try to protect at least 75% of the children under 15 years.

Year	No. of children who completed a full course of treatment	
	Under 5	Over 5
1963	286	13
1964	343	10
1965	254	40
1966	329	21
1967	334	21
1968	367	19
1969	244	6
1970	368	17
1971	369	20
1972	355	8

Poliomyelitis

There were no cases of poliomyelitis notified during the year.

Poliomyelitis Vaccination

The number of children who received three doses of oral vaccine was 360.

Infant Mortality

There were fourteen deaths under one year giving an infant mortality rate of 39.4.

Table I
Comparative Infant Mortality Rates

Year	Worksoo Rural District	England & Wales
1963	43.7	20.9
1964	39.8	20.0
1965	35.8	19.0
1966	18.0	19.0
1967	9.7	18.3
1968	16.1	18.0
1969	14.0	18.0
1970	31.0	18.0
1971	26.8	18.0
1972	39.4	17.0

The causes of death are analysed in Table II.

Of the fourteen deaths notified, five were due to prematurity and one to pneumonia of the newborn.

Prematurity is a problem in itself and until we know much more about its cause, there is little we can do about it.

ENVIRONMENTAL HEALTH

Medical Examination of Staff

For superannuation and other purposes twenty-six members of the Council's staff were medically examined by me during the year.

HOME HELP SERVICE

The demand for Home Help in the Worksop Rural District increases as the amenities of the service become more widely known.

Home Helps are available for households where domestic help is needed owing to the presence of anyone who is sick, lying-in, an expectant mother, mentally defective, aged or a child not over compulsory school age.

The work undertaken by these women does not include nursing or midwifery duties, and they are not used as "sitters-in," but they do the ordinary domestic work usually undertaken by the mother of a family, which may include cleaning, cooking, washing, care of children, mending and shopping.

The charge for the service is 55p per hour except where the patient is unable to afford that amount, when the County Council's Scale of Assistance is applied. Home Helps are paid by the County Council and necessary travelling expenses are reimbursed.

Cases needing help should be reported to the Home Help Service, 114 Bridge Street, Worksop (telephone Worksop 2884), where the service is administered by the District Organiser and an Assistant. The Home Help Service is under the auspices of the Area Director of Social Services.

AMBULANCE SERVICE

Ambulance services are provided by the Nottinghamshire County Council, and are controlled from the County Ambulance Control in County Hall, West Bridgford, Nottingham.

Worksop station is self-contained and controls its own vehicles in co-operation with the rest of the County.

The station is manned by one superintendent, 23 men and a control assistant.

Vehicles comprise three ambulances, one large dual purpose ambulance to carry 10 people, and two small dual purpose ambulances to carry 7 people. One reserve ambulance is kept at the station in case of break-down or to replace an ambulance undergoing repairs.

Address : The Ambulance Station, Gateford Road, Worksop.

Telephone : Worksop 3366.

SERVICES PROVIDED BY THE COUNTY COUNCIL SOCIAL SERVICES DEPARTMENT

Services for the elderly, mentally and physically handicapped, mentally ill and for deprived children have been amalgamated.

The Senior Social Worker in charge of the Worksop Team of Social Workers is Miss B. Millband, 3, Overend Road, Worksop (Telephone 6241). The Area Director is Mr. T. G. Osborne.

Chiropody for Old Age Pensioners and Handicapped People

Chiropody may be obtained for the elderly (persons over pensionable age) by application to the Centre for the Elderly and Physically Handicapped, Eastgate, Worksop (Telephone No. 4144) on Tuesdays and Thursdays from 2.30 to 7.30 p.m. by appointment.

The physically handicapped may attend on Friday p.m. once a month but a medical certificate is required.

The chiropodist also attends at Carlton, Langold and Bircotes Clinics where treatments are carried out by appointment.

DOMICILIARY NURSING SERVICES

The County Council are responsible for the organisation of domiciliary nursing services throughout the following areas.

DISTRICT NURSE MIDWIVES

(Carlton-in-Lindrick, Harworth, Langold, Plumtree, Styrrup and Wallingwells)

Name	Address	Tel. No.
M. Mowforth	Willowdene, 29 Styrrup Road, Harworth	Doncaster 742288
M. Richardson	15 Beech Road, Harworth	Doncaster 742363
V. Bacon	44 Chestnut Road, Langold	Worksop 730549
E. A. Hibbard	"Crossbow" Scrooby Road, Harworth	Doncaster 742520
S. Rollinson	The Cedars, Thorne Road, Austerfield, Doncaster	Doncaster 710409
I. M. Williamson (Relief) (Retford R.D.C.)	71 Station Avenue, Ranskill	Ranskill 461

DISTRICT NURSING

(Carburton, Cuckney, Holbeck, Nether Langwith, Norton Welbeck)

G. E. Steele	5 Alandale Avenue, Langwith Avenue, Mansfield	Shirebrook 2453
E. R. Williams (Relief) (Warsop R.D.C.)	24 First Avenue, Clipstone	Mansfield 26014

MIDWIFERY

(Nether Langwith, Cuckney)

H. R. Hobden	"Mathara," Eastwood Avenue, Birklands Estate, Warsop	Warsop 2628
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MIDWIFERY

(Carburton, Carlton-in-Lindrick, Holbeck, Norton)

(Wallingwells, Welbeck, Worksop)

M. M. Hawke	14 Percival Street, Worksop	Worksop 3745
I. Chapman	24 South Parade, Worksop	Worksop 2334
N. Archer	21 Kipling Close, Worksop	Worksop 3727
M. Maddick	46 Woodland Drive, Worksop	Worksop 3786
P. Malbon	75 Windsor Road, Carlton-in-Lindrick	Worksop 730476
R. Northedge	4 Hemmingfield Road, Worksop	Worksop 5441

COUNTY HEALTH CLINICS

The following table gives details of the Ante-natal and Child Health Sessions held at Clinics in the area :

Harworth—Scrooby Road, Bircotes

A.N.	Weekly	Friday	2.00 p.m. to 4.30 p.m.
C.H.	Weekly	Monday	2.00 p.m. to 4.30 p.m.
	Weekly	Thursday	2.00 p.m. to 4.30 p.m.

Langold—The Library, Doncaster Road

C.H.	Fortnightly	Wednesday	2.00 p.m. to 4.30 p.m.
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Blyth—The Green

C.H.	Fortnightly	Friday	2.00 p.m. to 4.30 p.m.
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Carlton-in-Lindrick—Long Lane

C.H.	Weekly	Monday	1.00 p.m. to 4.30 p.m.
	Monthly	Thursday	9.30 a.m. to 12 noon

Welbeck—Lady Margaret Hall

C.H.	Fortnightly	Tuesday	2.00 p.m. to 4.30 p.m.
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SCHOOL MEDICAL SERVICES

School and dental clinics are held as given hereunder :

School Clinics

Bircotes—Scrooby Road

Monday	9.30 a.m. to 12 noon
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Dental Clinics

Bircotes—County Health Clinic, Scrooby Road

Treatment by appointment as follows :—

Wednesday	9.00 a.m. to 12 noon
	1.30 p.m. to 4.00 p.m.

FAMILY PLANNING

In this area the following sessions are held.

Carlton-in-Lindrick—County Health Clinic

Second and fourth Fridays in each month—
9.30 a.m. to 12 noon.

Bircotes—County Health Clinic

First and third Tuesdays in each month—
9.30 a.m. to 12 noon.

at which advice is given in connection with family planning.

The total number of visits made by women during the year to the clinic in Carlton-in-Lindrick was 200 and to the clinic in Bircotes 176.

VENEREAL DISEASE

The Sheffield Regional Hospital Board is responsible for the control and treatment of Venereal Disease throughout the area. Special Clinics are available as follows :

Mansfield—held at Mansfield and District Hospital

Monday	2.00 p.m. to 4.00 p.m.	Female
Tuesday	4.00 p.m. to 6.00 p.m.	Male
	6.00 p.m. onward by appointment—	Female
Wednesday	10.00 a.m. to 12 noon	Female
Friday	10 a.m. to 12 noon	Male

Workshop—at Watson Road Clinic

Special Treatment Clinic : Closed—transferred to Mansfield.

Doncaster—held at Royal Infirmary

Monday	2.00 p.m. to 4.00 p.m.	Male
	4.30 p.m. to 6.30 p.m.	Female
Tuesday	By appointment only	Male
Wednesday	9.00 a.m. to 12 noon	Male
	2.00 p.m. to 4.30 p.m.	Female
Thursday	4.30 p.m. to 6.30 p.m.	Male
	2.00 p.m. to 4.00 p.m.	Female
Friday	2.00 p.m. to 4.30 p.m.	Male
	9.00 a.m. to 12 noon	Female
Saturday	By appointment only	Male & Female

Sheffield—held at the Royal Infirmary, Sheffield 6

Monday	}	9. 30 a.m. to 12 noon	Male & Female
Tuesday		2.00 p.m. to 4.00 p.m.	Male & Female
Thursday		5.00 p.m. to 7.00 p.m.	Male & Female
Friday			
Wednesday	}	9-30 a.m. to 12 noon	Male & Female
Saturday		only	

TABLE II
CAUSES OF DEATH—INFANTS UNDER 1 YEAR

CAUSES OF DEATH	AGE														Total							
	DAYS								MONTHS													
	Under 1	1	2	3	4	5	6	7-13	14-20	21-28	1	2	3	4		5	6	7	8	9	10	11
Cardio pulmonary collapse	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Prematurity	1	1	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Atelectasis	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Pneumonia of the newborn	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Gastro-enteritis	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Acute bronchitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
Multiple congenital abnormalities	1	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	3
Polycystic kidney	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	4	1	1	-	1	-	2	1	1	-	1	1	-	-	1	-	-	-	-	-	-	14

TABLE III
CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1972

NOTIFIABLE DISEASES	At all ages	Under 1	1-2	2-3	3-4	4-5	5-9	10-14	15-24	25-34	35-44	45-64	65 and over	Bawtry	Bircotes	Carlton-in-Lindrick	Harworth	Langold
Measles 	15	-	-	2	3	-	9	-	1	-	-	-	-	2	1	8	1	3
Infective jaundice 	10	-	-	-	1	-	7	-	-	2	-	-	-	-	2	-	8	-
Scarlet fever 	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-
Acute meningitis 	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-

TABLE IV
TUBERCULOSIS, 1972

Particulars of new cases and deaths from this disease during the year:

Age Periods in years	New Cases				Deaths			
	Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary	
	M	F	M	F	M	F	M	F
0-1	—	—	—	—	—	—	—	—
1-2	—	—	—	—	—	—	—	—
2-3	—	—	—	—	—	—	—	—
3-4	—	—	—	—	—	—	—	—
4-5	—	—	—	—	—	—	—	—
5-9	—	—	—	—	—	—	—	—
10-14	—	—	—	—	—	—	—	—
15-19	—	—	—	—	—	—	—	—
20-34	—	—	—	—	—	—	—	—
35-44	—	—	—	—	—	—	—	—
45-64	—	—	—	—	—	—	—	—
65 and over	1	—	—	—	1	—	—	—
Totals	1	—	—	—	1	—	—	—

The following table shows the number of new cases and deaths arising in the district during each of the past 10 years :

Year	New Cases	Deaths
1963	7	—
1964	8	—
1965	7	—
1966	3	2
1967	7	—
1968	5	2
1969	2	—
1970	3	—
1971	—	—
1972	1	—

PULMONARY TUBERCULOSIS

Workop Rural District

1950 - 1972

	Total	Male	Female	Miner	Non-Miner
Five-Yearly					
1950-1954	53	26	27	13	14
1955-1959	63	38	25	14	49
1960-1964	49	40	9	25	24
1965-1969	24	21	3	13	11
Yearly					
1968	5	4	1	3	2
1969	1	1	0	1	0
1970	3	3	0	2	1
1971	0	0	0	0	0
1972	1	1	0	1	0

Factories Act 1961

Prescribed Particulars on the Administration of the Factories Act 1961

PART I OF THE ACT

1. Inspections for purposes of provisions as to health (including inspections made by Public Health Inspectors)

Premises. (1)	Number on Register (2)	Number of		
		Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities....	—	—	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	30	3	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises)	6	6	—	—
TOTAL	36	9	—	—

2. Cases in which defects were found

Particulars. (1)	Number of cases in which defects were found.				Number of cases in which prosecutions were instituted. (6)
	Found (2)	Remedied (3)	Referred		
			To H.M. In-spector (4)	By H.M. In-spector (5)	
Want of cleanliness (S.1)		—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature(S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)....	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) Insufficient	2	—	—	2	—
(b) Unsuitable or defective	—	—	—	—	—
(c) Not separate for sexes ..	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
Total	2	—	—	2	—

PART VIII OF THE ACT

OUTWORK

(Sections 133 and 134)

NIL

Worksop Rural District Council

PUBLIC HEALTH DEPARTMENT,
COUNCIL OFFICES,
HIGHFIELD HOUSE,
CARLTON ROAD,
WORKSOP.

SANITARY INSPECTION OF THE AREA

Report made to the Medical Officer of Health in pursuance of Article 25 of the Public Health Officers Regulations, 1959.

C. J. PHILLIPS,

Chief Public Health Inspector.

1. INFECTIOUS DISEASE

The home conditions and possible sources of infection of all cases of infectious disease are investigated. Where necessary the rooms occupied by the patient are fumigated and the householders given instructions on the cleansing of the houses and effects, and on the precautions to be taken to prevent the spread of infection ; disinfectant fluid is supplied by the Council, free of charge, for this purpose.

48 visits were made in connection with one case of scarlet fever, ten cases of infective jaundice and cases of suspected food poisoning, dysentery, contacts, etc.

2. WATER SUPPLIES

Public Supplies

The public sources of supply in the district are as follows :

	<u>Source of Supply</u>	<u>Parishes served</u>
1. Central Notts. Water Board	Deep borehole, Ranby	Blyth Carlton-in-Lindrick Hodsock Oldcotes Wallingwells
2. Central Notts. Water Board	Three deep boreholes, Budby	Nether Langwith
3. Don Valley Water Board	Three deep boreholes, Austerfield	Part of Harworth
4. National Coal Board	Deep borehole, South Carr Harworth	Harworth (major part) Styrrup
5. Welbeck Estates Co. Ltd.	Deep borehole, Carburton	Carburton Norton Holbeck Welbeck Cuckney

(a) Bacteriological Examination

Samples of water from the public supplies were taken throughout the year and the reports indicate that a satisfactory standard of purity was maintained.

25 samples were taken for bacteriological examination and all the reports were satisfactory.

(b) Chemical Analysis

6 samples of water were taken for chemical analysis from the public supplies during the year. The reports on all the samples were satisfactory and the following is a copy of the Analyst's reports on samples from each of the supplies :—

	Welbeck Estates Private Supply	Central Notts. Water Board (Nether Langwith Supply)	Central Notts. Water Board (Hodsock Supply)
	No. 1	No. 2	No. 3
Physical Characters			
Suspended Matter	none	none	none
Appearance of column 2-ft. long	clear : faintly yellow	clear : colourless	clear : colourless
Taste	normal	normal	normal
Odour	none	none	none
Chemical Examination			
	Parts per Million		
Total solids dried at 180°C	380.0	430.0	354.0
Chlorides in terms of Chlorine	37.5	98.0	69.5
Equivalent to Sodium Chloride	61.8	161.6	114.6
Nitrites	faint trace	faint trace	faint trace
Nitrates as Nitrogen	9.54	7.33	8.84
Poisonous Metals (Lead etc.)	—	less than 0.04	—
Total Hardness	253.0	269.0	249.0
Temporary Hardness	110.0	100.0	112.5
Permanent Hardness	143.0	169.0	136.5
Oxygen absorbed in 4 hours at 80°F	0.10	0.16	0.08
Ammoniacal Nitrogen	0.024	0.024	0.040
Albuminoid Nitrogen	0.040	0.032	0.024
Total Residual Chlorine	none	none	0.06
pH Value	6.9	7.0	7.2

	N.C.B. Bulk Supply Harworth Colliery No. 4	Don Valley Water Board Supply No. 5	Central Notts. Water Board (Blyth Supply) No. 6
Physical Characters			
Suspended Matter	none	none	none
Appearance of a column 2-ft long	clear : colourless	clear : colourless	clear : colourless
Taste	normal	normal	normal
Odour	none	none	none
Chemical Examination			
	Parts per Million		
Total Solids dried at 180°C	492.0	220.0	372.0
Chlorides in terms of Chlorine	82.5	24.5	68.0
Equivalent to Sodium Chloride	136.0	40.4	112.1
Noitrites	faint trace	faint trace	faint trace
Nitrates as Nitrogen	10.54	3.59	8.45
Poisonous Metals (Lead etc.)	—	less than 0.04	—
Total Hardness	342.0	173.0	250.0
Temporary Hardness	177.5	132.5	110.0
Permanent Hardness	164.5	40.5	140.0
Oxygen absorbed in 4 hours at 80°F	0.44	0.26	0.06
Ammoniacal Nitrogen	0.032	0.016	0.016
Albuminoid Nitrogen	0.048	0.040	0.024
Total Residue Chlorine	trace	trace	trace
pH Value	7.2	7.4	7.4

(c) Dwellinghouses supplied from the public mains

Parish	No. supplied direct to houses	Estimated Popu- lation	No. supplied by means of standpipe	Estimated Popu- lation
Blyth	400	1,047	—	—
Carburton	47	141	—	—
Carlton-in-Lindrick	1,866	5,273	—	—
Cuckney	86	295	—	—
Harworth	2,904	9,151	—	—
Hodsock	1,016	3,261	—	—
Holbeck	101	342	—	—
Nether Langwith	163	540	—	—
Norton	70	218	—	—
Styrrup-with-Oldcotes	215	627	—	—
Wallingwells	12	36	—	—
Welbeck	16	84	—	—
	6,896	21,015	—	—

3. DRAINAGE AND SEWERAGE

The following extensions of foul and surface water sewers were carried out during the year :—

Harworth Industrial Estate

Provision was made for the drainage of the proposed Harworth Industrial Estate during the year.

A pumping station and 433 yards of 8-in. diameter rising main in P.V.C. pipes were constructed to deal with foul water drainage from this site.

313 yards of 30-in. and 112 yards of 15-in. surface water sewer in concrete pipes were also laid to serve the site.

The following sewer extensions were also made during the year :—

1. 100 yards of 6-in. foul water sewer in earthenware pipes were constructed to serve houses in course of erection by private enterprise on a site off Rotherham Baulk, Carlton-in-Lindrick. 100 yards of surface water sewer in 9-in. pipes were also laid on this site.
2. 80 yards of 6-in. foul water sewer in earthenware pipes and 76 yards of 6-in. surface water sewer in earthenware pipes were constructed to serve houses in course of erection by private enterprise on a site off Spitalfields, Blyth.
3. 103 yards of 6-in. foul water sewer in earthenware pipes and 98 yards of 6-in. surface water sewer in earthenware pipes were constructed to serve houses in course of erection by private enterprise on a site off Bawtry Road, Harworth.

Harworth Sewage Treatment Works.

The provision of an additional humus tank and a recirculating pumping station and associated works was completed at Harworth Sewage Treatment Works during the year.

4. CLOSET CONVERSIONS—

PUBLIC HEALTH ACT, 1936—SECTION 47.

The Council continued to make grants available to owners of dwellinghouses of 50% of the cost, but not exceeding £15 per dwellinghouse, towards the cost of converting sanitary conveniences of the conservancy type into water closets, in accordance with the provisions of Section 47 of the Public Health Act, 1936.

No applications were received during the year.

5. PUBLIC CLEANSING

The refuse collection service was carried out by direct labour throughout the district.

The bonus scheme referred to in previous reports continued to operate satisfactorily.

The service consists of the weekly emptying of dustbins and pail closets and the cleansing of privy middens and ashpits every two weeks.

The number and type of these receptacles was as follows :—

Dustbins	....	....	....	....	....	8,043
Pail closets	....	....	....	....	....	30
Privy middens	....	....	....	....	....	19
Ashpits	....	....	....	....	....	21

Routine treatments of the refuse tip were carried out during the year to prevent nuisance from rodents.

The Council operated three Shelvoke & Drewry vehicles of 16/18, 25 and 35 cubic yards capacity respectively, with one old 18 cubic yards capacity vehicle in reserve.

16 men were employed on refuse collection and disposal.

The following work was carried out by the Cleansing Department during the year :—

Population served in all parishes	....	....	....	21,420
Total No. of premises given regular service	....			7,094
Total No. of dustbins emptied during the year	....			405,702
Total No. of pail closets emptied during the year	....			1,404
Total No. of ash pits emptied during the year	....			493
Total No. of privy middens emptied during the year				450
Mileage travelled by the four vehicles	....	....		33,793
Cost of operation of the cleansing service by direct labour for the year ended 31/3/73	....	....		£37,788
				(including £2,000 lorry reserve fund)
Cost of operation of the cleansing service by direct labour for the year ended 31/3/72	....	....		£34,108
				(including £2,000 lorry reserve fund)

6. INFESTATION

(a) Bed Bugs

Only one case of infestation of bed bugs came to the notice of the Department during the year. This was in a Council house and was successfully dealt with by fumigation and spraying.

(b) Rodent Control.

The refuse tip, sewage disposal works and other land and premises owned and occupied by the Council were inspected regularly to detect any infestation of rats and treatment carried out where necessary.

129 infestations of rats were dealt with in connection with dwellinghouses and 4 infestations of rats at other premises.

Infestations at dwellinghouses were dealt with free of charge but 77p per hour (including materials) is charged in respect of the treatment of premises other than dwellinghouses.

A part-time rodent operator is employed on rodent control.

7. MEAT AND OTHER FOOD

There are no licensed slaughterhouses in the district, the butchers obtaining their meat wholesale or by using licensed slaughterhouses in adjoining districts.

Licences to slaughter or stun animals outside the Council's district were renewed in respect of three slaughtermen.

The following foodstuffs were condemned during the year :—

Meat	....	....	....	....	....	19 lbs.
Other foods		....	....	....	....	279 lbs.
						298 lbs.

8. **FOOD AND DRUGS ACT, 1955—SECTION 16.**

The number of premises registered at the end of the year under Section 16 of the Food & Drugs Act, 1955, was as follows :—

For the storage and sale of ice cream	....	....	52
For the preparation or manufacture of sausages etc.			7

9. **FOOD HYGIENE REGULATIONS, 1955-1966.**

Number of inspections of food premises, etc.	....	....	18
Number of defects or unsatisfactory conditions found	....	....	3
Number of defects or unsatisfactory conditions remedied	....	....	3

10. **HOUSING**

Inspections of dwellinghouses were made under the Public Health and Housing Acts, and informal notices served where necessary.

Total number of houses inspected	....	....	162
Number of inspections made for the purpose	....	....	405

House Purchase and Housing Act, 1959, and the Housing Act, 1969.

Number of houses improved with the aid of grants.

(a) By Standard Grants	....	....	24
(b) By Discretionary Grants	....	....	30

New Houses

24 dwellings were completed by the Council during the year, as follows :—

6 bungalows for aged persons in Goldthorpe Avenue, Langold, in the parish of Hosdock (being the completion of a scheme for a warden's house and 26 bungalows).

18 houses, Thompson Avenue, Harworth.

43 houses were erected by private enterprise during the year.

The following is a summary of the Council's post war construction programme at the 31st December, 1972.

		Tradi- tional	Swedish Timber	Aluminium Bungalows Temp. Perm.	"No Fines" Concrete Aireys (Wimpey)	Total		
Houses completed by contract for Local Authority		1,514	8	40*	40*	82	374	2,058
Houses completed by Small Builders Scheme		28	—	—	—	—	—	28
Houses under con- struction by contract for the Local Authority		24	—	—	—	—	—	24

*All of the aluminium bungalows have been demolished.

11. INSPECTION OF THE AREA—SUMMARY

Housing	....	....	....	....	....	405
Infectious disease	....	....	....	....	....	48
Rodent control	....	....	....	....	....	59
Pest control	....	....	....	....	....	58
Food hygiene	....	....	....	....	....	18
Water supplies, samples and investigations	....	....	....	....	....	31
Trade effluent samples	....	....	....	....	....	24
Drainage	....	....	....	....	....	56
Nuisances						23
Public Cleansing						154
Miscellaneous						53
Re-inspections						173
						1,102

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